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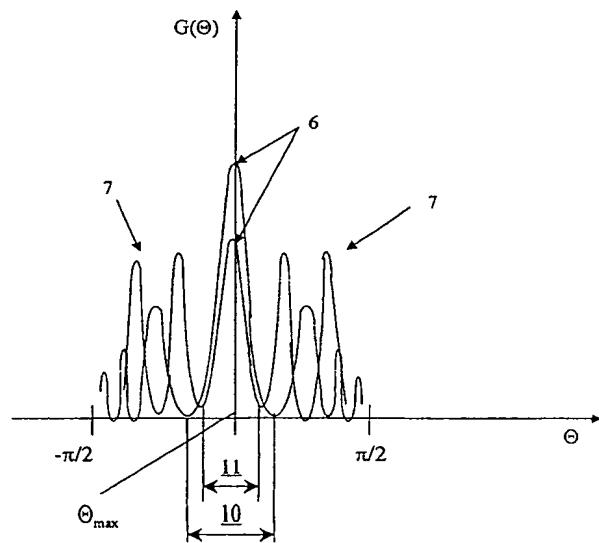
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(54) Title: METHOD FOR ENHANCING THE MEASURING ACCURACY IN AN ANTENNA ARRAY



(57) Abstract: The invention refers to a method and a system for enhancing the measuring accuracy in an antenna array (1), where the method comprises the steps of; a) receiving analog signals on all antenna elements (2) at a first time  $t_1$ ; producing first values for a first radiation diagram from the values in the signals from the first time ( $t_1$ ), and; finding the maximum point (8) for the first values, b) -reducing the signal from one interadjacent antenna element (2) at a second time ( $t_2$ ); receiving analog signals on all antenna elements (2) except from the one switched off or reduced antenna element, and; producing second values for a second radiation diagram from the values in the signals from the second time ( $t_2$ ); c) rejecting all values outside a first range (9) calculated from the first values, and; finding the maximum point (8) for the second values.

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